PTO/SB/08a (08-03)

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Sheet

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary

of

Complete if Known Application Number 10/644.274 Filing Date 08/20/2003 First Named Inventor Michael S. Boger Art Unit 2823 Examiner Name GARCIA, Joannie A Attorney Docket Number 740789-54350

U. S. PATENT DOCUMENTS Cite No.1 Name of Patentee or Pages, Columns, Lines, Where Examiner Document Number **Publication Date** Applicant of Cited Document Relevant Passages or Relevant Initials\* MM-DD-YYYY Figures Appear Number-Kind Code<sup>2</sup> (# known) JK 08/02/1977 A1 4,039,370 Kleinknecht US-30 A2 4,141,780 02/27/1979 Kleinknecht et al. 1K **A3** 4,179,622 12/18/1979 Moritz 07/11/1995 A4 5,432,607 Taubenblatt US-01/02/2003 2003/0000644 Subramanian et al. US US-บระ US-. US-US. US-US-US-US-

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite	Foreign Pa	etent Document		Publication Date	Name of Patentee or	Pages, Columns, Lines,	١.
	No.¹	Country Cod	de <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				Where Relevant Passages or Relevant Figures Appear	
Ske	B1	EP	0 462 599	A2	12/27/1991	Applied Materials, Inc.		L
MK.	B2	EP	0 352 740	A2	01/31/1990	Applied Materials Inc.		
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Date July 21,2005 Considered Signature

reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not "examiner: initial yrearence considered, whether or not canon is in conformance with MPEP 609. Draw line through challen in not communication to applicant." Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 8 Applicant is to place a check mark here if English language

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STATE	MENT BY	APPLI	CANT	First Named Inventor	Michael S. Boger		
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l	Jse as many sheets a	as necessary,	,	Examiner Name	GARCIA, Joannie A.		
Sheet	1	of	1	Attorney Docket Number	740789-54350		

NON PATENT LITERATURE DOCUMENTS							
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²				
JK	Cl	RAYMOND, C. et al., Proceedings of the SPIE, 3998:135-146, (2000).					
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known					
Application Number	10/644,274				
Filing Date	08/20/2003				
First Named Inventor	M. Boger				
Art Unit	<del>2812</del> 2823				
Examiner Name	To be assigned J. García				
Attorney Docket Number	740789-054350				

	U.S. PATENT DOCUMENTS								
Examiner Initials	Cite No.	U.S. Patent Document  Number - Kind Code <sup>2</sup> (If known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear				
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Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at 222 uspto.gov or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>3</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>4</sup> Applicant is to place a check mark here if English language Translation is attached.

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Examiner Name	To be assigned J. García				
Attorney Docket Number	740789-054350				

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Examiner Initials	Cite No.	U.S. Patent Document  Number - Kind Code <sup>3</sup> (if Iniown)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
JAG	AA	US-6,226,086 B1	05/01/2001	Holbrook et al.	
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